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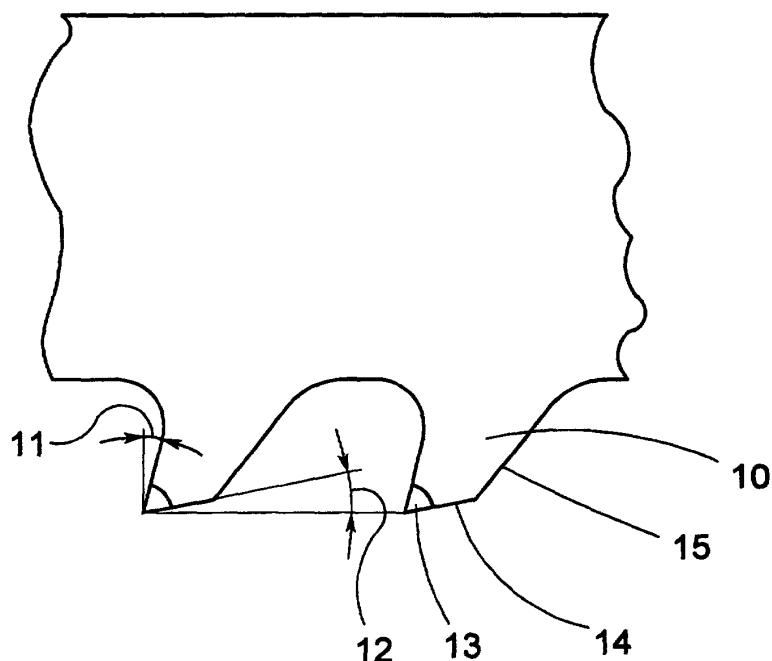
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(54) **Band saw blade for soft and tough metal**

(57) A band saw blade for stable, vibration-free high precision cutting of tough and soft metals such as titanium ingots, where the teeth (10) in comparison to tra-

ditional metal band saw blades have greater rake angle (11), 12 to 18 degrees, and smaller clearance angle (12) 5 to 8 degrees, the teeth being set and having constant pitch distance.

Fig. 1





European Patent
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EUROPEAN SEARCH REPORT

Application Number
EP 00 85 0054

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
A	US 4 232 578 A (STELLINGER THOMAS S ET AL) 11 November 1980 (1980-11-11) * column 1, line 4 - column 3, line 62; figure 2 *	1	B23D61/14
A	US 4 587 876 A (ERHARDT HERBERT) 13 May 1986 (1986-05-13) * column 2, line 44 - column 4, line 12; figures 2-7 *	1	
			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			B23D
The present search report has been drawn up for all claims			
Place of search MUNICH		Date of completion of the search 9 April 2003	Examiner Frisch, U
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document</p>			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
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